

Patent Claims

1. A method of using an aqueous polymer dispersion as adhesive
5 for self-adherent peelable films, tapes or labels, wherein
the polymer dispersion contains from 0.1 to 10 parts by
weight, based on 100 parts by weight of polymer, of an emul-
sifier A) containing a phosphate group.
- 10 2. A method as defined in claim 1, wherein the emulsifier com-
prises alkoxyl groups to an extent of at least 50 wt%.
3. A method as defined in claim 2, wherein the emulsifier con-
tains both ethylene oxide groups and propylene oxide groups.
- 15 4. A method as defined in claim 1, wherein the emulsifier has a
molecular weight of from 400 to 2000 g/mol.
- 20 5. A method as defined in claim 1, wherein the polymer dispersed
in the polymer dispersion is composed, to an extent of at
least 40 wt%, of so-called main monomers selected from the
group comprising C₁-C₂₀ alkyl (meth)acrylates, vinyl esters of
25 carboxylic acids containing up to 20 carbons, vinyl aromatic
compounds containing up to 20 carbons, ethylenically unsatu-
rated nitriles, vinyl halides, vinyl ethers of alcohols con-
taining from 1 to 10 carbons, aliphatic hydrocarbons contain-
ing from 2 to 8 C atoms and one or two double bonds, or mix-
tures of said monomers.
- 30 6. A peelable, self-adherent film, tape or label whenever ob-
tained by a method as defined in claim 1.
7. A substrate whenever provided with a peelable film, tape or
label.

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Use of Phosphate Group-containing Polymer Dispersions as Adhesives

5 Summary

The use of an aqueous polymer dispersion as adhesive for self-adherent peelable films, tapes or labels, characterized in that the polymer dispersion contains from 0.1 to 10 parts by weight, based on 100 parts by weight of polymer, of an emulsifier A) containing a phosphate group.

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